

# SITE VISIT HEALTH AND SAFETY PLAN (HASP)

(Needs to be completed 24 hours prior to site visit)

Prepared by: **Marcus Muccianti**

W.O. Number:

Date: 8/31/10

20405.012.001.1184.00

## Project Identification

Office: CHI

Site Name: ESI

Client: U.S. EPA

Work Location Address: 5232 West 79<sup>th</sup> Street  
Indianapolis, IN 46268

## Site History:

The site consists of 8.2 acres and includes a wastewater treatment plant consisting of wastewater processing equipment, a sludge treatment building, a sludge treatment process (ASP), an oil dehydration process (Dehy) and a truck off-loading building. There are multiple process and storage tanks located on the facility site. The site was designed such that storm water falling in the site is captured in its internal sewer system and is ultimately run through its wastewater processing equipment prior to being discharged.

☐ Briefed by Client or Site Owner – Circle one: phone on-site

## Scope of Work:

Site walk and documentation (photos and logbook) with U.S. EPA and ESI Environmental, Inc. lawyers.

☒ Site visit only. List personnel here, and have personnel sign off:

I understand, agree to, and will conform with the requirements set forth in this Health and Safety Plan, and acknowledge the possibility and the risks inherent because all hazards may not known at this time:

Name

Signature

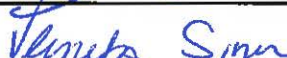
Date

Marcus Muccianti



9/1/10

Veronica Simon



9/1/10

William Ryczek



9/1/10

## Regulatory Status:

Site regulatory status:

CERCLA/SARA

RCRA

Other Federal Agency

☒ U.S. EPA

☐ U.S. EPA

☐ DOE

☐ State

☐ State

☐ USACE

☐ NPL Site

☐ NRC

☐ Air Force

☐ OSHA

☐ 10 CFR 20

☐ \_\_\_\_\_

☐ 1910

☐ 1926

☐ State

## HAZARD ASSESSMENT

☐ Chemical Hazards

☐ Biological Hazards

☐ Radiological Hazards

☐ Physical Hazards

☐ Fire Danger

☐ Explosive Hazards

List known on-site chemicals, biological, radiological, or physical hazards:

(If any of these hazards are uncontrolled, or we are not provided with a knowledgeable, safety-conscious escort familiar with the site conditions, discuss with the Division EHS Manager prior to the visit.)

## Review and Approval Documentation:

Reviewed by:

SO/DSM/CHS

Tonya Balla

Name (Print)

Signature

Date: 8/31/10

Approved by:

Project Manager

Rick Mehl

Name (Print)

Signature

Date: \_\_\_\_\_

## Hazard Assessment and Equipment Selection:

In accordance with WESTON's Personal Protective Equipment Program and 29 CFR 1910.132, the Project Manager has evaluated conditions and verified that Level D personal protective equipment is adequate and appropriate for this site visit. (Level D personal protection consists of hard hat, safety glasses and safety shoes or boots, long pants and sleeved shirt. See Attachment for any additional PPE recommended/required.)

Site visit date: 9/1/2010

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### Vehicle Use Assessment and Selection

Driving is one of the most hazardous and frequent activities for WESTON Employees. The most appropriate type vehicle(s) authorized for use on this project is/are:

1. Rental Car
- 2.
- 3.
- 4.

The following Project Team Member's qualifications and experience in driving these types of vehicles was evaluated and found to be acceptable (indicate vehicle type(s) number next to employee name).

1. Marcus Muccianti (1)
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

The project site was evaluated and a **Traffic Control Plan** ☐ is required ☒ is not required.

If required, the **Traffic Control Plan** can be found in Attachment H.

## CONTINGENCIES

### Emergency Contacts and Phone Numbers

Agency	Contact	Phone Number
WESTON Medical Emergency Contact	Dr. Peter Greaney is WESTONs Medical Director	<p><b>From 6 am to 4:30 pm Pacific Time</b> call 800-455-6155 dial 0 or extension 175, Michelle Bui to request the on-call clinician.</p> <p><b>4:31 p.m. – 5:59 a.m. Pacific Time, all day Saturday, Sunday and Holidays</b> call 800-455-6155 Dial 3 to reach the after-hours answering service. Request that the service connect you with the on-call clinician or the on-call clinician will return your call within 30 minutes</p>
WESTON Environmental Health and Safety	Corporate Environmental Health and Safety	(610) 701-3065
Local/Division WESTON Health and Safety	Tonya Balla	847 528-2623
Fire Department	911	911
Police Department	911	911
Client Site Contact	Verneta Simon	312-802-1404
Site Telephone or Nearest Telephone	NA	NA

### Local Medical Emergency Facility(s)

**On-Site Medical Facility Available for Use:** ☐ Yes – List below    ☒ No – Use nearest medical facility – List below

**Name of Hospital:** St. Vincent Hospital

**Address:** 2001 W. 86<sup>th</sup> Street Indianapolis, IN 46260

**Phone No.:** 317-338-2345

**Name of Contact:**

**Phone No.:**

**Type of Service:**

- ☐ Physical trauma only  
☐ Chemical exposure only  
☒ Physical trauma and chemical exposure  
☒ Available 24 hours

**Route to Hospital (written detail):**

**Insert directions from eMap such as MapQuest :**

**Travel time from site:**

8 min

**Distance to hospital:**

3.9 mi

**Name/no. of 24-hr ambulance service:**

/

Figure 1 Yahoo or Google Map of Site Location



Figure 2—Route to Hospital (Yahoo Map)

**A** 5232 W 79th St, Indianapolis, IN 46268

1. Head east on W 79th St toward Allison Ave	go 2.6 mi
About 5 mins	total 2.6 mi
2. Turn left at Township Line Rd	go 1.0 mi
About 2 mins	total 3.6 mi
3. Turn right at 86th St W	go 0.3 mi
Destination will be on the right	total 3.9 mi
About 4 mins	

**B** St Elizabeth Ann Seton Hospital of Indianapolis  
2001 West 86th Street, Indianapolis, IN 46260-1902 - (317) 338-5767

(Need to verify nearest hospital has an emergency room and confirm hours of operation)

## BASIC SAFETY FOR SITE WALKS AND VISITS

### Hazard Assessment

Hazard	Hazard Present Yes; No	Protection/Risk Mitigation	Applicable Protection
Basic Industrial Plant		Level D PPE (See page 1)	
Chemical Hazards – Controlled (in tanks, piping, drums, containers with persons working around in Level D Protection or less.	Yes	Safety-Conscious Escort ( <b>familiar with the facility</b> ).	Level D / Escort through Facility
Chemical Hazards – Uncontrolled, known spills or releases, personnel wearing respirators or other chemical protective PPE, tanks, piping, containers have not been maintained or secure. No safety-conscious escort available.	No	DEHSM review and approval or Full Safety Plan. Consider involving Field Safety Officer (FSO) or DEHSM in site visit.	
Chemical Hazards – Building Materials Older Buildings. Old buildings may have chemical hazards such as asbestos, lead based paint. Mercury (in switches) PCB's in fluorescent light fixtures.	No	Was building constructed after 1990. Can depend on Safety Conscious escort as protective measure	
Chemical Hazards – Older Buildings.	No	Pre 1990 - DEHSM review and approval or Full Safety Plan. Consider involving Field Safety Officer (FSO) or DEHSM in site visit.	
Biological Hazards (Controlled medical waste, sewage, animals or animal droppings, poisonous plants, insects).	No	Safety Conscious Escort	
Biological Hazards (Uncontrolled medical waste, sewage, animals or animal droppings, poisonous plants, insects [ticks, mosquitoes, stinging insects, fleas]. No safety conscious escort available.	No	DEHSM review, medical waste, sewage, animals; animal droppings, plants insects - avoidance zones, Animals - mace or pepper spray; poison plants or insects - Ivy block and repellants. Consider involving FSO or DEHSM on site visit.	
Radiological Hazards (Non-ionizing (microwave, infrared, radio-frequency, radar) and ionizing.	No	Safety Conscious Escort. If unavailable Consider involving Safety Officer of DSM in site visit.	
Physical Hazards	No	Safety Conscious Escort. If unavailable, talk through the check list below with the DEHSM and develop a plan or consider involving FSO or DEHSM in site visit.	
Will we have to access elevated unprotected walkways, platform, roofs?	No	<b>Protective measures:</b>	
Will there be moving equipment?	Yes	<b>Protective measures:</b>	Level D
Will there be pinch points?	No	<b>Protective measures:</b>	
Will there be accessible exposed electric conductors?	No	<b>Protective measures:</b>	
Will the ambient temperatures exceed 70 degrees F?	Yes	Drink at least 8 ounces of water before visit. Avoid caffeine	Hydrate
Will the ambient temperature exceed 80 degrees F?	No	Drink at least 8 ounces of water before visit and avoid caffeine. Carry water with you.	
Will the temperature be below 50 degrees F?	No	Jacket or windbreaker	
Will the temperature be below 32 degrees F?	No	Cold weather clothing Drink at least 8 ounces of water before visit and avoid caffeine. Carry water with you. Watch for ice on driveways and walkways.	
Is the elevation above a) 5000 ft; b) 7000 ft.?	No	a) If not acclimatized - pace yourself. b) If there are signs of elevation/altitude sickness (headache, lightheadedness, dry mouth) Drink water, have a snack ready and get top lower	

		altitude as soon as possible.	
Is there a high probability of lightning?	No	Get indoors or under cover at first seeing lightning or sound of thunder. Wait for at least 30 minutes after last sound of thunder before resuming outdoor activity.	
Are buildings or structures unstable (signs of cracking on walls, caved in roofs, buckling or depressed floors, wet spots on floors, sagging utilities, unprotected floor openings, no or inadequate lighting)?	No	<b>Protective measures:</b>	
Is there uneven terrain?	No	<b>Protective measures:</b>	
Are there security issues?	No	<b>Protective measures:</b>	

### **Safety Equipment and Protection**

<b>Required</b>	<b>Recommended</b>
Hard hat, Safety Glasses, Safety Shoes, cell phone, high intensity flashlight.	Disposable boot covers, rain gear, gloves -nitrile, gloves – leather, trash bags, Ivy Block, Insect repellant (DEET), animal spray repellant, walking stick, waterless hand wash.